CEN-TECH

Model #43700 CIRCUIT TESTER 6V/12V Heavy Duty

3491 Mission Oaks Blvd., Camarillo, CA 93011

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For technical questions please call 1-800-444-3353

UNPACKING

When unpacking, check to make sure all parts shown on the back of this instruction flyer are included. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the front of this manual as soon as possible.

ASSEMBLY AND OPERATING INSTRUCTIONS

NOTE: All parts below refer to the parts listed on the reverse side of this instruction flyer.

1. Remove the rubber protective tip from the Probe (part #1).
2. To test 6 Volt or 12 Volt fuses, wiring or other 6V/12V circuitry, connect the Cord Clamp (part #13) to one side/end of the fuse, wire, vehicle battery post, etc. *(either the positive or negative pole).* Gently touch and hold the tip of the Probe against the other side/end of the component being tested.
3. If the Bulb (part #5) inside the Handle (part #2) illuminates, this indicates there is electricity flowing through the circuit. No illumination of the Bulb indicates no electricity flowing through the circuit and that repair or replacement of the component being tested is needed.

CLEANING AND MAINTENANCE

1. To clean, remove the Cord Clamp (part #13) from all power sources. Wipe the outside with a clean, damp cloth, using a mild soap with water if necessary. Then, dry. Do not immerse this product in any liquids.
2. To change the Bulb (part #5), unscrew the Probe Base (part #7) from the Handle (part #2) and remove the Spring (part #4). Unscrew the Bulb from the Spring. Screw in a new **12 Volt/3 Watt** Bulb in the Spring. Replace the Spring and Bulb in the Handle and Screw in the Probe Base.

SEE REVERSE SIDE OF THIS INSTRUCTION FLYER FOR PRODUCT WARNINGS, PRECAUTIONS, PARTS LIST, AND ASSEMBLY DIAGRAM.

SAFETY WARNINGS AND PRECAUTIONS

1. **KEEP PRODUCT USAGE AREA CLEAN.** Cluttered areas invite injuries.

2. **KEEP CHILDREN AWAY FROM PRODUCT USAGE AREA.** Do not allow children to handle this product.

3. **DO NOT USE THIS PRODUCT IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to use this product.

4. **USE EYE PROTECTION.** Wear ANSI approved safety impact eye goggles. The ANSI approved safety impact goggles are available from Harbor Freight Tools.

5. **CHECK FOR DAMAGED PARTS.** Before using this product, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately.

6. **REPLACEMENT PARTS AND ACCESSORIES.** When servicing, use only identical replacement parts. Only use accessories intended for use with this product. Approved accessories are available from Harbor Freight Tools.

7. **MAINTENANCE:** Service and maintenance should be performed regularly by a qualified technician.

8. **USE THE RIGHT PRODUCT FOR THE RIGHT JOB.** There are certain applications for which this product was designed. Use this product ONLY when testing 6 Volt and/or 12 Volt electric currents. **DO NOT** use this product for a purpose for which it was not intended.

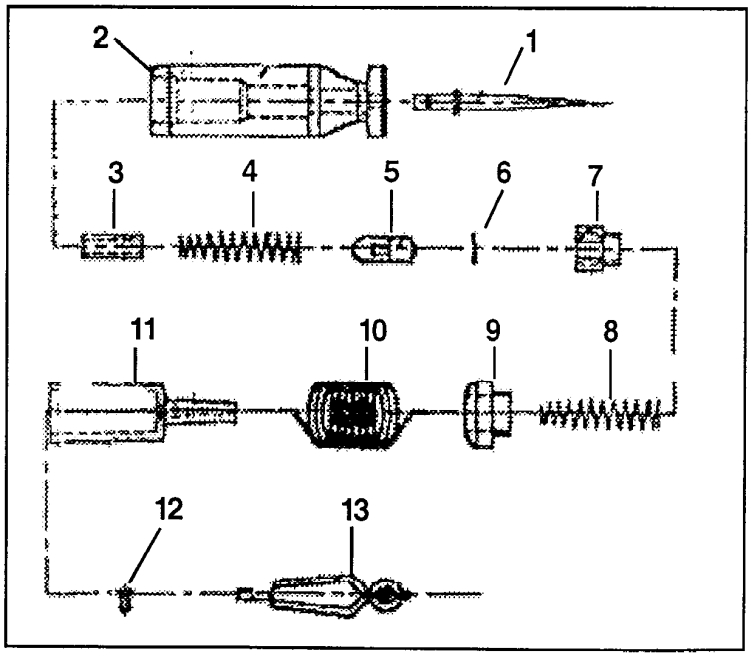
SAVE THIS INSTRUCTION FLYER

You will need this instruction flyer for the Operating and Maintenance Procedures, Safety Warnings and Precautions, Parts List and Assembly Diagram. Keep your invoice with this instruction flyer. Write the invoice number on the the front of this flyer. Keep this instruction flyer and invoice in a safe and dry place for future reference.

NOTE: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

PARTS LIST / ASSEMBLY DIAGRAM

PART #	DESCRIPTION	QTY
1	Probe	1
2	Handle	1
3	Socket	1
4	Spring	1
5	Bulb	1
6	Washer	1
7	Probe Base	1
8	Spring Sleeve	1
9	Tail Base	1
10	Coiled Cord	1
11	Clamping Head Sleeve	1
12	Screw	1
13	Cord Clamp	1



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Item #43700 CEN-TECH

Circuit Tester 6V/12V Heavy Duty

⚠ Warning:

1. Read instruction manual before using. 2. Always wear ANSI approved safety goggles when working with tools and equipment. 3. **Caution:** Use this product ONLY for testing 6 Volt and 12 Volt electric circuits. 4. Never use when on moist surface or when standing water is present.

Do not remove this warning label. Made in China.